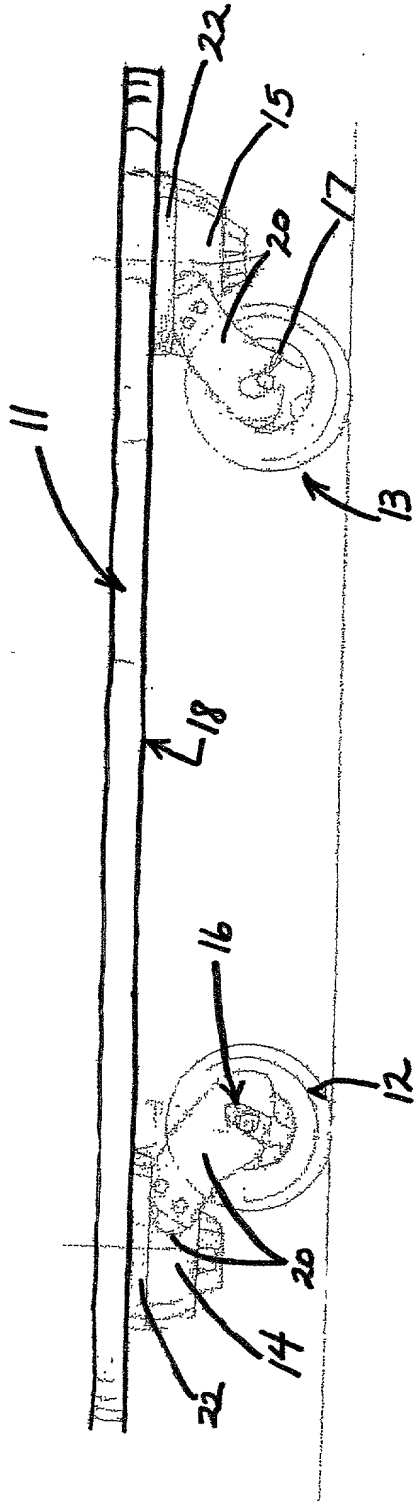


FIG. 1 is a schematic diagram of a conveyor system 10. The system includes a conveyor belt 11 and a drive pulley 12. A motor 13 is connected to the drive pulley 12. A tensioning pulley 14 is also connected to the conveyor belt 11. A weight 15 is attached to the tensioning pulley 14. A guide pulley 16 is also connected to the conveyor belt 11. A weight 17 is attached to the guide pulley 16. A sensor 18 is positioned to detect the presence of material on the conveyor belt 11. A control unit 19 is connected to the sensor 18. A display 20 is connected to the control unit 19. A power source 21 is connected to the control unit 19. A switch 22 is connected to the power source 21.

FIG. 1

10



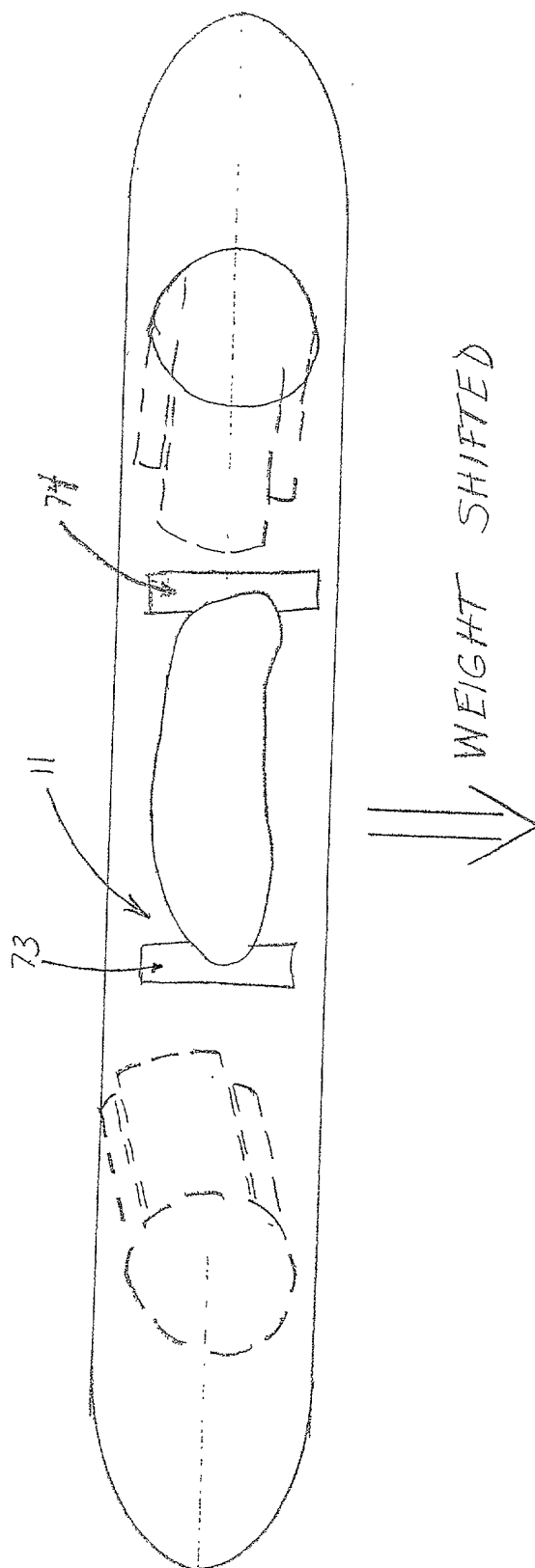


FIG. 3

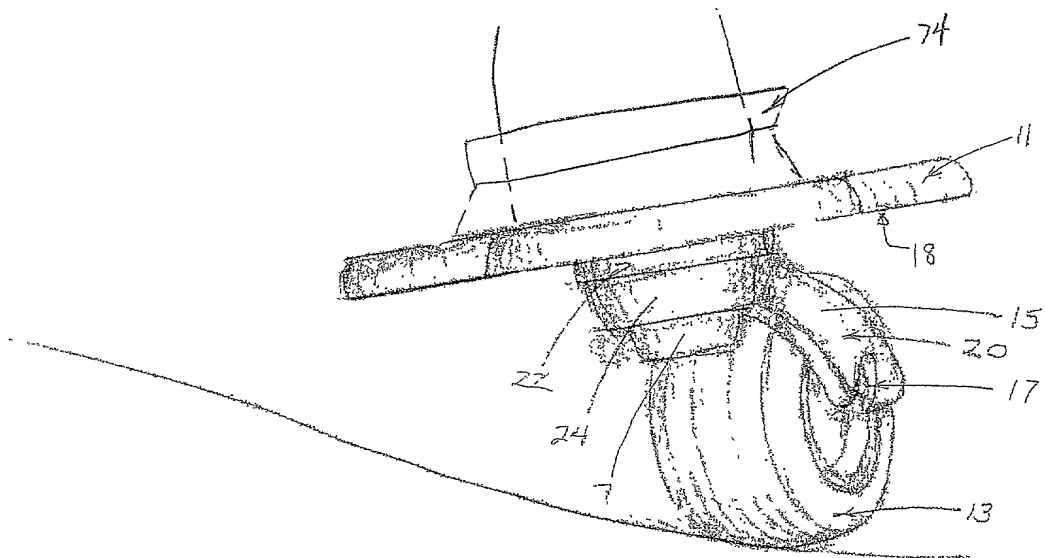


FIG. 4

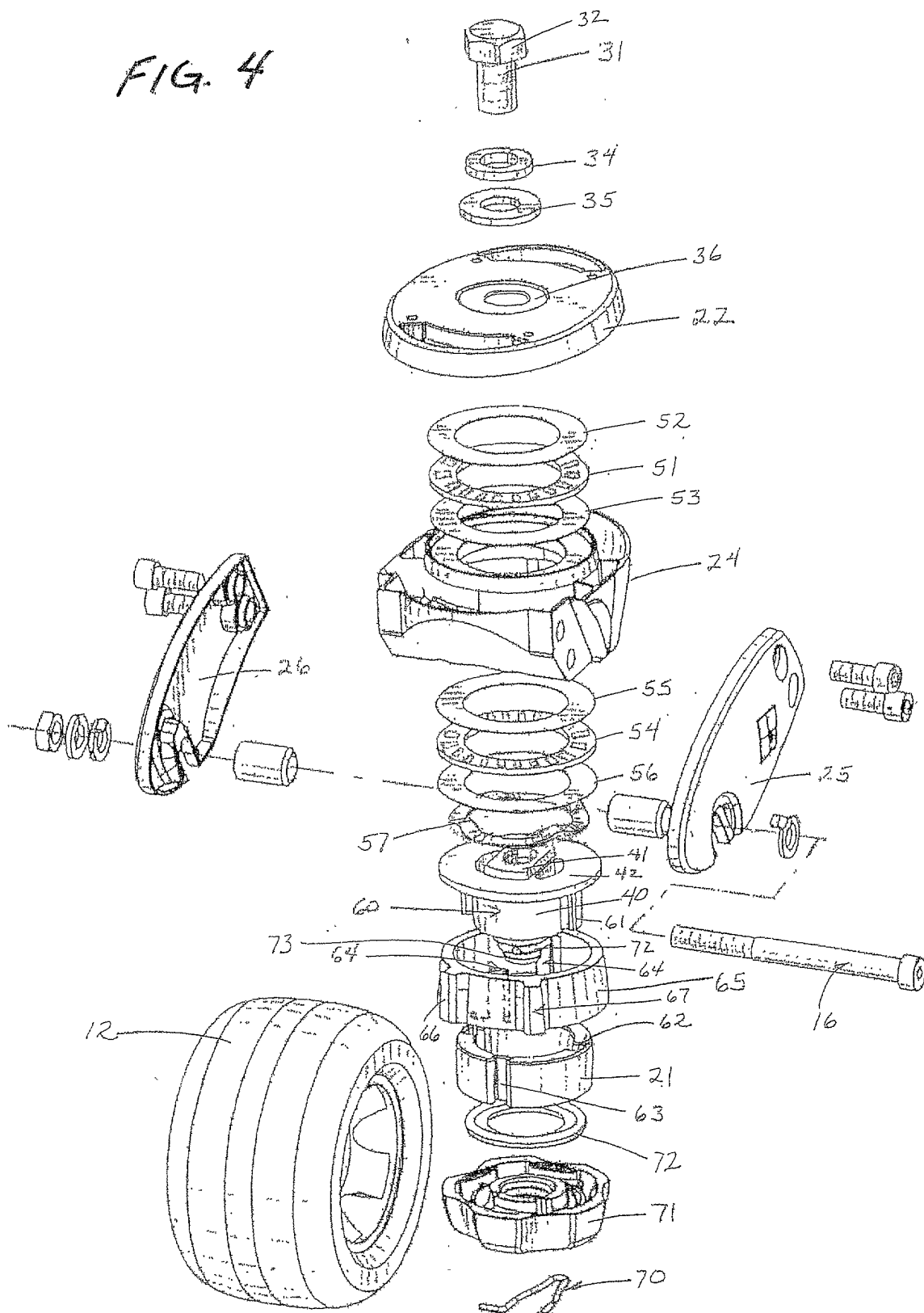


FIG. 5

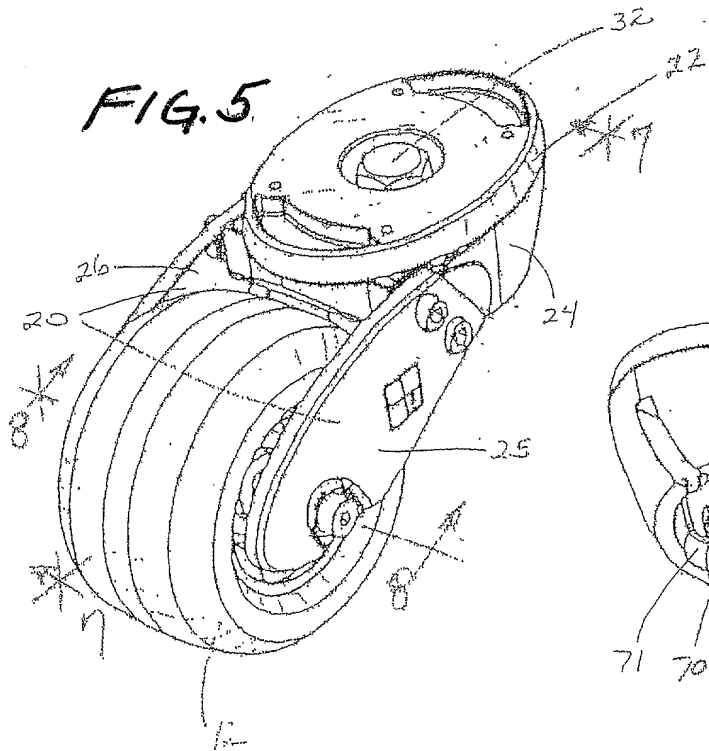


FIG. 6

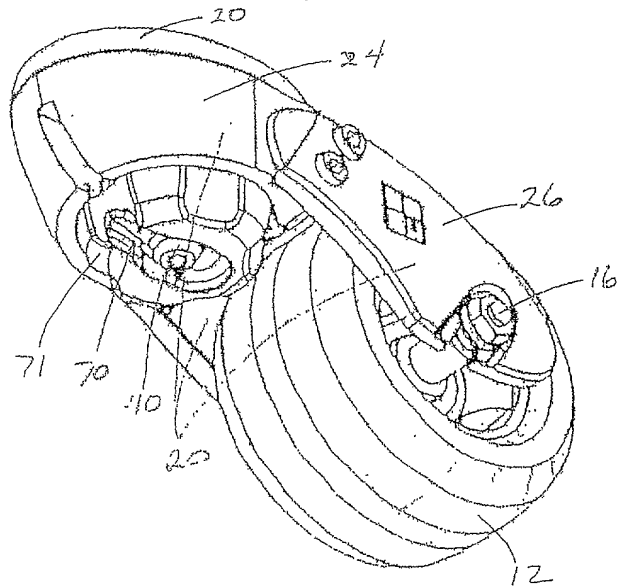


FIG. 7

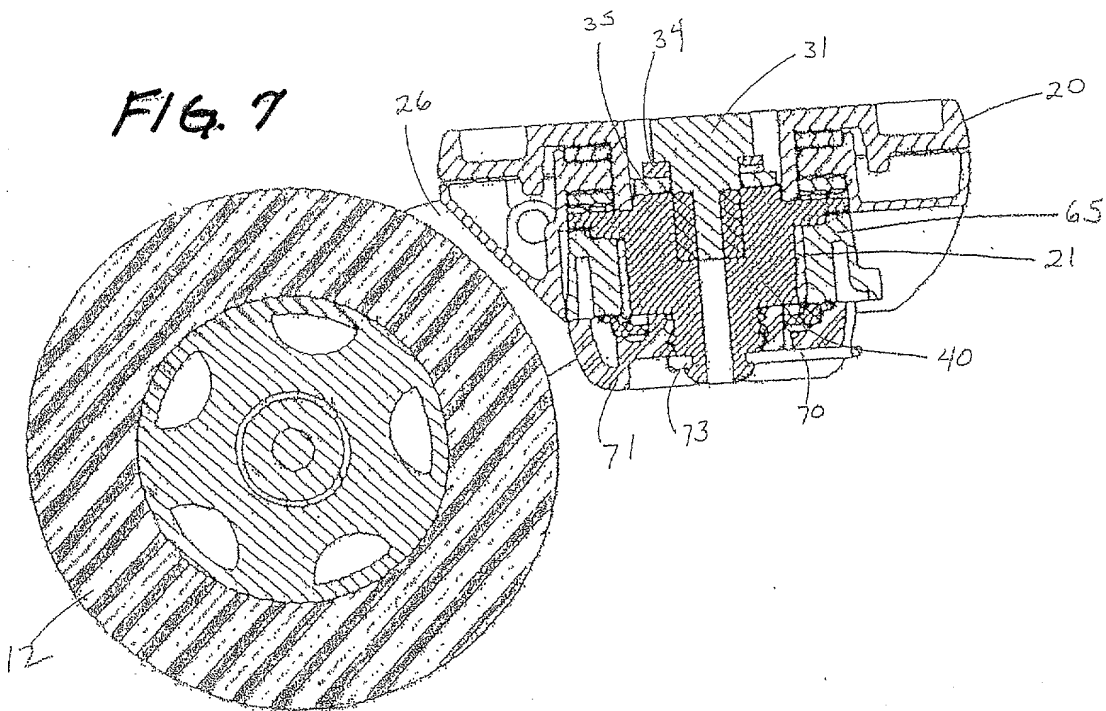


FIG. 8

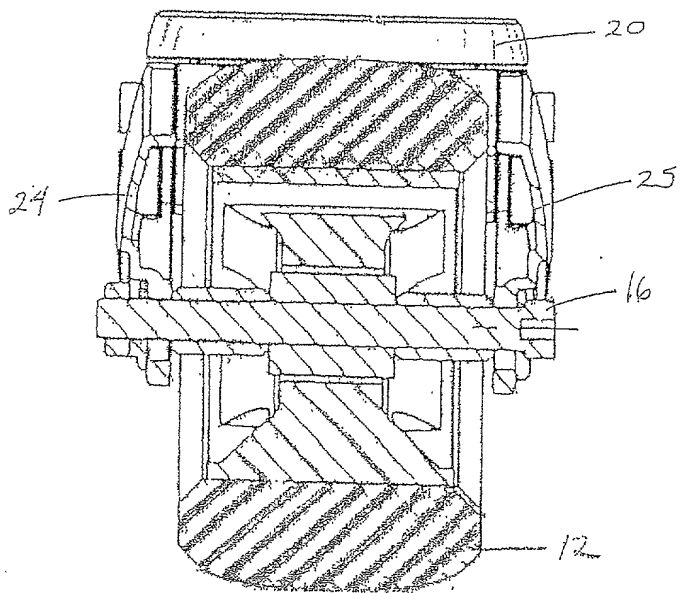


FIG. 9

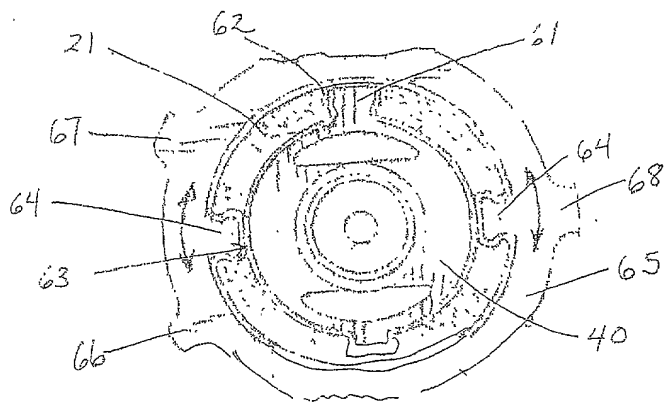
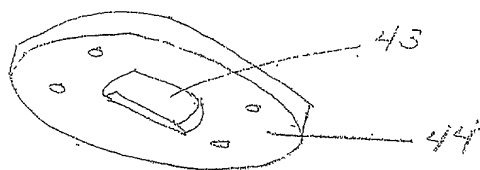


FIG. 10



11

